

20 m.p.  $79 \frac{1}{1} - 84 \frac{1}{1} ^\circ\text{C}$ . Moreover, <sup>a</sup>the solution of <sup>these</sup>this crystals in ethanol was added dropwise to water with stirring, and the precipitate formed was filtrated and dried over phosphorus pentoxide in vacuo at room temperature to give hydrocortisone 17-butyrate 21-propionate as colorless <sup>crystalline</sup>powders, m.p.  $117 \frac{1}{1} - 117.5 \frac{1}{1} ^\circ\text{C}$  (decomp. at  $265 \frac{1}{1} - 268 \frac{1}{1} ^\circ\text{C}$ ).  
P NMR: (in  $\text{C}_5\text{D}_5\text{N}$ ); 1.00(3H, s), 1.00  $\frac{1}{1}$  1.30(6H, m), 1.43(3H, s), 4.48(1H, m), 4.74(2H, d.d., J=18 Hz, 6 Hz), 5.65(1H, s).

CM What we claim is:

1.  $17\alpha$ -butyryloxy- $11\beta$ -hydroxy-21-propionyloxy-4-pregnen-3,20-dione<sup>6</sup>

END 2. ~~A method for the topical treatment of skin diseases comprising applying to the inflamed areas of the skin an anti-inflammatory amount of the compound of Claim 1.~~